

FEBRUARY						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
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McGill Daily

Election Platforms
and Photos
Deadline Tomorrow

Vol. XXXIX., No. 82

Montreal, Monday, February 20, 1950

PRICE TWO CENTS

Editor of Varsity Resigns With Staff

Action Follows Dispute Over Deleted Ad

By JIM KNIGHT
Toronto, Ont.—(CUP)—The resignation of Editor-in-Chief Stan Fillmore of the Varsity was accepted by a vote of nine to two in a special meeting of the Student's Administrative Council held Thursday.

Fillmore had requested that a motion passed by the Council at their last scheduled meeting be replaced. When asked by the council what would happen if the motion was not replaced, Fillmore said he would have no other course than to resign.

TEXT OF MOTION

The motion in question reads, "That before any scheduled advertising is removed from the Varsity it first must have the permission of the Business Manager." It was followed by the paragraph, "This referred to the removal of the Simpson's and Neilson's advertisements on the issue of Monday, February 6 (H Bomb issue) and cutting down the paid Hart House Bulletin Board in which several important items were deleted."

The Simpson's and Neilson's ads were carried the following day. Total loss of revenue on the issue because of the removal of the ads was one dollar and ten cents.

Fillmore objected to the word "Permission," and said it implied a lack of responsibility on the part of the editor. Hereafter ads were pulled after consultation between

Varsity Budget

The Varsity operates on a budget of \$31,000 in contrast to the McGill Daily which operates on a budget of \$17,000. All senior editors of the Varsity are paid — none are paid on the Daily — with a total salary allotment of \$2,500.

the editor and the Business Manager. The ads removed from the February 6 issue were pulled after 3 a.m. just before printing deadline.

When the objection to the motion was first raised at a meeting of the Publications Committee, Council Business Manager, E. A. MacDonald said it the motion should destroy the harmonious relationship between the Business Manager and the Editor, he would rather have it replaced.

"DANGEROUS PRACTICE"

Council President Bob Hetherington (Med. Student) called the action of the Editor a dangerous practice which could alienate the advertisers and lower revenue (A bad thing with the present financial situation of the Varsity).

Victoria College Council representative Douglas Thomas said he felt the Council should have confidence in its appointed Editor and moved that the offending motion be rescinded. It was defeated 13-3 with ten members of the Council not voting.

Hetherington called Fillmore's decision to resign a childish adolescent attitude, called it a threat.

Fillmore urged the Council to reconsider the question and pointed out that since most of his staff had signified their intention to resign with him, the Council would find it difficult to put out a paper next year. Hetherington said, "No member of the masthead is indispensable. I move we accept the Editor's resignation." This was carried by a 9-2 vote.

Resignation does not take effect for two weeks, thus all scheduled issues of the Varsity will be published.

Resignation of Joan Eddis, Women's Editor, was accepted at the same time.

So far eleven members of the masthead, including Fillmore and Eddis had signified their intention to resign.

Dawson Ok's Fee Increase

Dawson President Bob Taylor yesterday reported during the Student Society here that Dawsonites had voted 274 to 24 in favor of the \$3 fee increase.

The Dawson student body met last week and upheld Taylor's view that the increase was "absolutely necessary" in order to enable the Students' Society to function properly next year.

3 Acclaimed By Engineers In Elections

Three positions, including that of the president, on the Engineering Undergraduate Society have been filled by acclamation, Boris Gardavsky, chief returning officer, announced at the close of nominations Saturday.

Named president of the society was Harry Filiatrault. Others acclaimed were Mel Simpson, as first vice-president, and Bill Magyar, as athletics representative.

Gardavsky also announced extension of the nominations deadline for the position of the second vice-president until 5 p.m. today. No nominations were received for this post.

Four students are contesting two remaining posts on the society's executive. David Kennedy and John Logan are vying for the job of secretary, while Vince Jolivet and Bob Lyon-Hall were nominated for the treasurer's post.

Two election rallies for these four candidates were announced. First of these will be held at Dawson tonight, starting at 7:30 in T-1, while the second is scheduled for tomorrow between 1 and 2 p.m. in Room 33 of the Engineering Building.

Elections will be held on Thursday, Feb. 23.

Nominees for the position of second vice-president must be present in Engineering 11-A. Nominations must be submitted in writing to the Students' Council office in the Union before 5 p.m. today, Gardavsky said.

'Accounting Is Arts' Subject'—Prof. Byrd

"Accountancy, if taught properly, is a suitable minor subject for an arts' course," was the opinion expressed by Prof. Byrd at his inaugural lecture given in Moyse Hall last Thursday evening.

Accountancy should not be regarded as the mechanical application of formulae learnt by heart, Prof. Byrd maintained that it is valuable for training in logical thought, and is not a mere skillful manipulation of numbers, since nothing should be written on a balance sheet that the accountant's reasoning does not justify.

An imaginative approach is essential to the teaching and learning of accountancy, he said. A balance sheet indicates the equilibrium of a business at any given time, while the profit and loss statement shows the movement that has taken place within the equilibrium since the previous balance sheet.

Prof. Byrd affirmed that account-



CARNIVAL QUEEN ANN DOHAN is crowned by His Honour Mayor Camille Houde to highlight the 1950 edition of the McGill Winter Carnival. Others in the photo, from left to right are: Beryl Dickenson-Dash, last year's Carnival Queen; ladies-

in-waiting to the Queen Jane Currie, Brenda Turner, Alice Diggs and Scarlet Key member, Boris Gardavsky, who, together with other members of the Scarlet Key, acted as ushers throughout the proceedings. (Photo by Drummond & Phelps.)

Council Briefs

The following are briefs from last Wednesday's meeting of the Students' Executive Council:

Louis Eddy, McGill Daily desk editor, was appointed Editor-in-Chief of the Handbook for 1950.

The constitutions of the Law Undergraduates Society, the Debating Union Society and the Choral Society were approved with certain changes.

Permission was given by the Council for Graduate Nurses and Physiotherapy to vote one day earlier in the coming elections. They will vote on Tuesday, Feb. 28 — the rest of the campus will vote on Wednesday, March 1.

Titles of people signing pen-sketches will not be printed, the Council decided.

Perry Black (Arts and Science) was appointed to investigate the possibilities of obtaining reduced Tramway fares for university students.

ling is a fitting subject for a B.Com. major, particularly with the opportunities students have in their reading for comparing practices in Great Britain and the U.S., with those current in Canada.

It is becoming more common on both sides of the Atlantic for entrants into the profession to be graduates from universities, he said. A new voluntary scheme arranged by the professional bodies provides opportunities for specific training for a career in accountancy, as well as taking a full time university degree. Prof. Byrd outlined plans for later university training for the final professional exams, to ease the burden of studying in the evenings in addition to doing a full day's work. It would also eliminate the soulless grind of correspondence courses, he said.

After serving overseas as a tall gunner with the famed Alouette Squadron of the R.C.A.F., Pouliot entered Dawson College, where he became Lower Slobbovia correspondent of The McGill Daily. He was moved in to the head office in January of 1947. In March, 1948 he was promoted to Managing Editor. Pouliot worked part time for The Gazette while at McGill and joined the permanent staff last May. He has also been doing stringer work for Stu Keate, Montreal bureau chief of Time Magazine. He is a public relations officer of No. 1 Radar and Communications Unit, R.C.A.F. Reserve.

There were 16 applicants for the scholarship, which is open to any reporter on the permanent staff of a Canadian newspaper. This is the fourth time the scholarship has been awarded. In addition to various trips the winner will receive 19 pounds a week.

Kemsley Scholarship For Former Managing Editor

Jean Pouliot, 24-year-old former Managing Editor of The McGill Daily is the first French Canadian to win the Kemsley scholarship in



Jean Pouliot

journalism, it was announced in Toronto last night. Pouliot will sail for England April 12 and will spend a year

with other winners of the scholarship from South Africa, New Zealand, and Australia, working in various Kemsley newspaper offices in Great Britain and travelling on the continent.

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Skating and Coronation Color 'Forum Fantasy'

By DON ALLEN

Charming Ann Dohan is McGill's Winter Carnival Queen of 1950. She was crowned at midnight on Friday by Mayor Camille Houde in a coronation scene that came as the climax to an evening of colorful spectacular events.

The new Queen is the younger daughter of Dr. and Mrs. John S. Dohan of Westmount and is nineteen a brunette, 5' 5 1/2" tall, and in second year Arts. Her father is now a dentist in private practice but was formerly on the staff of the Faculty of Dentistry. A brother and a sister are McGill graduates, and a second brother, David, is now in first year law.

"I'm thrilled — it's just wonderful," said Miss Dohan on Friday evening after she was informed of her election. "I want to thank everyone who voted for me and, especially, my hard-working campaign managers."

Our new Queen told The Daily that she likes "tennis, a little golf, skiing, and some skating." She does quite a bit of reading and says that she prefers historical novels. A small part in this year's Red and White Revue gave her some acting experience.

A member of Delta Gamma fraternity, she says that her favorite subjects are English and History, and it was learned that she won prizes in both of these subjects at the time of her graduation from Sacred Heart Convent two years ago. She also likes knitting and makes most of her own sweaters but she had to admit that cooking, as yet, is not one of her talents.

She said that she wasn't entirely certain of her future plans but that she thought that she would like to enter the Library School or the School of Social Work. "When I was in high school my main ambition was to go to McGill, and now that I'm here, I'm satisfied for now," she explained.

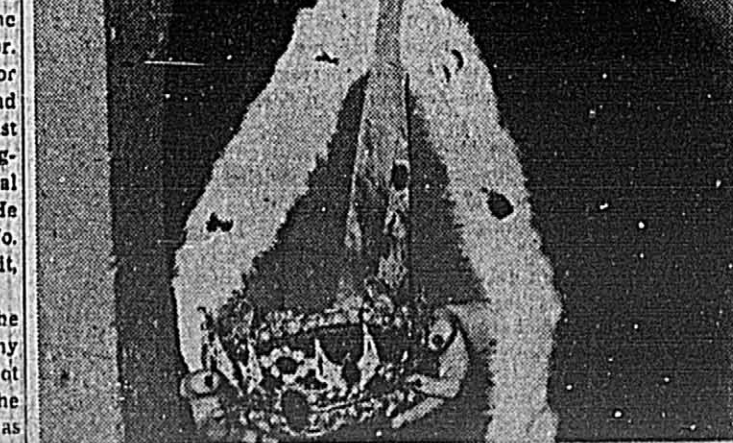
Students' Choice
Miss Dohan was elected last Thursday when 2062 McGill students, including 449 Dawsonites and a conspicuously large number of co-eds, cast their ballots at polling

booths at Dawson and in various buildings on the Montreal campus. Those who tend to be suspicious of such elections may rest assured that, as far as could be determined, there were no irregularities of any sort in the voting procedure. Red Wings officiated at the polling booths and the ballot boxes were shipped, unopened, to an office in the Athletics Department.

The Montreal votes were counted on Thursday afternoon, while Bob Taylor, president of the Dawson Student's Society, reported the results from St. Johns. Each candidate sent a scrutineer to the ballot counting, and the Students' Society was represented there by Isadore Rosenfeld, the Women's Union by Kayo Little, the Men's Union by Jack Crepeau, The Daily by Don Allen, and the Winter Carnival Committee, by chairman Chris Bovey, publicity directors Peter Pershall and Kent Newcomb, and Carnival Queen Committee chairman John Allen.

A total of nine votes favored the mythical "Fern Scott" and one of these, since it was from the ballot box in the Women's Common Room, was apparently cast by a co-ed. It was the engineers, however, who supplied Miss Scott with "her" strongest support—five votes.

FORUM FANTASY
"Forum Fantasy," which reached a climax with the coronation of Miss Dohan, began at 8:30 on Friday evening with a fast-moving, penalty-filled hockey game between the McGill Redmen and the "Carabins" from the University of Montreal. The U. of M. was well represented at the game and most of the spectators remained for the entire evening. McGill cheered wildly as the Redmen forged ahead 2-0 in the first three minutes of play. Before the period was over the Carabins had taken a 5-2 lead but the McGill band and two cheerleaders did all they could to raise the spirits of the McGill spectators. It was a rough game and the penalties were handed out accordingly. By the end of regulation time the Redmen had made it a 6-4 tie, but the Carabins took ad-



THE PEOPLE'S CHOICE for Carnival Queen, Ann Dohan, is pictured above in her regal robes and the Carnival Crown in her hands.

Gardavsky, Rosenfeld Are Nominated for Presidency

Mermen Rout Georgetown In One-sided Swim Meet

The Red Mermen of McGill routed Georgetown on Saturday afternoon at the N.D.G. pool by a 56-19 score. The McGill swimmers won seven of the nine events in their most one-sided victory of the year. In an attempt to avoid a complete rout, Coach Curran held his stars in abeyance. Merrow and Mingle did not compete in the backstroke event and Kopin did not swim in the breast stroke event. It marked the final dual meet of the season for the McGill team, which engages Toronto for the Intercollegiate Crown in Montreal next Saturday night.

The opening event saw a McGill Medley Relay trio of Mingle-Kopin-Quayle speed to a one-sided victory. The 220 yard freestyle was a one-two victory for McGill as Pete Isenman won easily and was followed by Ian Smith. The 50 yard freestyle was another McGill sweep by Christie and Ashton. The dive went to Senburg of Georgetown with Merrow of McGill taking second. Norm Ashton of McGill came first in the 100 yard freestyle

and teammate Ian Smith came in second. In the 100-yard backstroke, Peter Small, in his maiden voyage as a backstroke for McGill in dual meet competition, won the event. The meet was developing into such a one-sided affair at this point that Mingle and Merrow, McGill's sensational backstroke duo watched the proceedings from the bench. The 200 yard breast stroke marked the second of the two Georgetown triumphs. Siebert of the visitors won and was followed by Gusta Sperling and Adin Merrow of the Red Mermen. Irwin Kopin, McGill's number one breaststroker, enjoyed the race from the sidelines.

In the 440 yard freestyle, Greg Titus, taking his last competitive dip before the Intercollegiate, won the event by the proverbial "country mile." In the final event of the meet Coach Curran unleashed what will undoubtedly be his 200 yard relay quartette against Toronto. A foursome of Isenman, Christie, Mingle and Quayle closed the meet with a victory.

SIDEGLISTS

At the conclusion of the meet the McGill squad huddled to give the visitors a cheer. At the conclusion of the cheer they broke from the huddle and shot up into the stands to seize Rube Bressler L.L.D. (Editors note: "Loveable Little Daily Reporter.") They were going to leave him into the "drink." The "Monsters" led by Merrow, Kopin, and Isenman were thwarted in their foul attempt by Coach Curran. He wanted them to pose for a photographer and said that they could finish the job later. The reporter disappeared.

The victory gave McGill a three-four record for the year. A victory against Toronto next week would bring their record even on the year and give them a second straight C.I.A.U. swim crown.

Skating Display
The lights were lowered, spotlights played on the ice, and three co-eds, in costumes of scarlet, represented the McGill band.

(Continued on Page 4)

List of Other Nominees Is Also Released

Two campus leaders, both members of the Students' Executive Council, will fight it out for the presidency of the Students' Society, an unofficial candidate listing by The Daily showed when nominations closed Saturday.

Boris Gardavsky, of third year engineering, and Isadore Rosenfeld, a third year medical student, were nominated for the top job in student government. Both currently



Isadore Rosenfeld

represent their faculties on the S.E.C.

Nomination of three men students for the presidency of the McGill Union and of two co-eds for the presidency of the Women's Union was also announced.

James Cartier, fourth year arts, Camille Dionne, second year law,

Ballon, Nichols Named To Men's Union Jobs

Acclamation of two men students, both well-known for their interest in student activities, to the McGill Union executive was recorded Saturday when nominations closed, a Daily survey showed.

John Ballon, a second year medical student, is the new vice-president of the Union while Bill Nichols, third year commerce, was acclaimed to the post of secretary. Ballon is presently president of the Debating Union Society and Nichols produced this year's Red and White Review.

Official confirmation of the acclamation must come from Chief Returning Officer David Mackenzie, Law representative to the Students' Executive Council, who was unavailable over the weekend.

and Michael Peers, second year arts, were nominees for the top men's Union post, The Daily's survey showed.

Women's Union presidential candidates are Joan O'Connell and Peggy Pierce both third year arts students. Kayo Little, president of the Women's Union, announced yesterday.

Vying for the position of secretary on the Women's Union executive will be three co-eds — Claire Deschamps, third year arts, Becky Fooks and Anne Wymann. Both the last two named are in second year arts.

Nominated for the position of

Wallace Attacks U.S. Policy On Atomic Energy Control

By PETER GRIFFITHS

The belief that International Control of Atomic Energy is balderdash was expressed Friday evening by Professor P. R. Wallace of McGill's mathematics department.

Professor Wallace was speaking at the second in a series of meetings pertaining to tensions between East and West. These meetings are sponsored by the S.C.M. and held in the S.C.M. house on Oxenden Avenue.

The speaker who has been connected with Atomic research at Chalk River spoke on "The Moral and Political Implications of the Atom Bomb."

Previous to 1945 scientists begged the U.S. (who were the first to make the atom bomb and the first to use it) not to employ the bomb for destructive purposes, but only for experiments. By using the bomb first our own moral objections against its use were made invalid. The politicians were concerned with national security in the correct moral and international light. There was much divergence of opinion, and, surprisingly, the foolish things were said in the "highest places."

Professor Wallace discussed the Committee formed by Acheson and Lillenthal which recommended a policy with respect to the release of atomic energy.

International Control
It proposed first that an international body for co-operative research in atomic energy be set up. The plan received support from scientists and was the basis for American policy on this question. Mr. Baruch stated that the U.S. alone had the atomic bomb and was not going to lose the security it gave without guarantees. A system of international control was to be set up by stages. The U.S. proposed complete international ownership and management. There was to be no veto in the international committee for control of atomic energy, in which the Western powers would have a majority. This policy was approved by the military authorities.

Professor Wallace stated that there is a tendency to isolate the

problem of the atom bomb from other problems. The atom bomb is a weapon of mass destruction. It might be compared with bacteriological warfare, over which there is no control, as has been pointed out by English scientists. We must give people security from weapons of mass destruction.

"They are weapons of mass murder," he said, "the atom bomb is just one more." The American plan was not accepted by the Russians.

By inspection it was found that there was disagreement on technical matters of management and ownership. However partial security would have been better than no security, but the U.S. went "out the window" with development of international control.

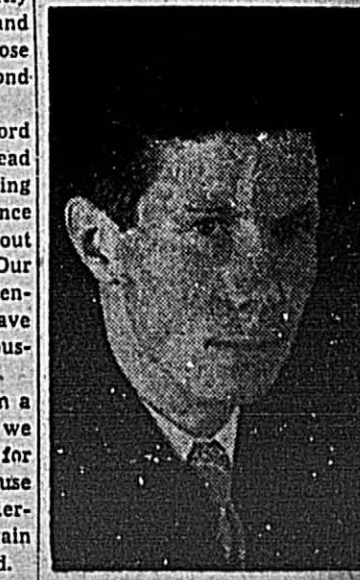
It is possible that it is as economical to use several Atom bombs as one H-bomb, and there are no industrial possibilities likely to result from developing the H-bomb. An armaments race in such weapons loses its point after both sides have sufficient bombs to effectively wage a war of mass destruction.

Effect Of A-Bomb
Atom bombs will not greatly alter the use of traditional land forces of a type similar to those used at the end of the Second World War, he said.

Prof. Wallace quoted from Lord Gray "that great armaments lead to war. We should stop thinking solely about methods of defence said the speaker, and more about what we want to preserve. Our standards of morality have degenerated. Our moral foundations have been undermined by our callousness."

Reading from a quotation from a local paper he stated that if we want peace, we must prepare for war. No nation has the right to use the A-bomb. It is a means of extermination. "We must try to regain our standards of 1939," he said.

In conclusion Prof. Wallace stated that the solution must be unilateral and must be a gamble. The solution is not supposed to be found on the level of power politics.



Boris Gardavsky

representative to the Athletics Board were Hamilton Quinn, fourth year Commerce, Huntingdon (Skip) (Continued on Page 4)

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PRESIDENTIAL BATTLE

The annual presidential battle opens today with two excellent candidates firing the first rounds of what might well be the most hotly contested election in some years.

The electors will be less confused with only two candidates in the running, but the choice will be difficult. Both Gardavsky and Rosenzweig, we believe, quite capable of handling the post. The electors are faced with the problem of deciding which candidate has had the necessary broad experience to look after the main projects of the Students Society without putting too heavy a hand on any of them, and without overlooking those minor activities which in the long run involve a large number of students.

The Associated Press reported last week that President Truman "plans a non-political campaign tour this year to help Democratic candi-

dates seeking seats in Congress." And we expect our own little presidential tours of the campus will be about as non-political as that of President Truman.

The electors, then, will have to reach basic points of comparison of the two candidates by plowing through a maze of "balloons" and "red herrings", if campaign managers and publicity agents run true to form. There will be the usual rumour about one or the other having shot his grandmother for a good set of crib notes, and so on.

There appears to be considerably more interest in this particular presidential election than is usual. Certainly the post is an important one for the chairman of the Students Executive Council can exert extensive control over the activities of the Students Society as a whole.

C. K.

Mass Into Energy

THE HYDROGEN BOMB A FUSION PROCESS

Although both the A-bomb and the H-bomb are basically the result of changes in atomic structure, the processes are diametrically opposite in nature. The fission of uranium involves splitting the atom into two parts whose total mass is less than that of the original mass whereas the hydrogen bomb fuses the equivalent of four hydrogen atoms together to form one helium atom, again with an attendant loss of total mass. It is the loss of total mass which is the source of the tremendous energy liberated.

New Mexico First

The first Atomic bomb which exploded at Alamogordo, New Mexico, on July 16, 1945, was the result of atomic fission, the splitting of heavy atoms of U235. This fissionable material is found in natural uranium ore and exists as 0.7% of its weight, that is 140 lbs. of natural uranium will produce 1 lb. of U235, the other 139 lbs. forming U238. The action of U235 on U238 forms plutonium which, although not fissionable at the time of the atomic explosion, is by means of the latest techniques now completely fissionable thus increasing the proportion of energy available from a given amount of natural uranium ore. Every pound of U235 split in the atomic blast yielded the equivalent of 11.4 million kilowatt-hours or the energy contained in 1,400 tons of coal.

The atomic number of uranium is 92 because its atoms contain 92 planetary electrons and 92 protons; its atomic weight is 235 or 238 depending on the number of additional neutrons present: U235 has 143 neutrons and U238 has 146. An ordinary chemical explosion releases a fraction of the energy contained in the planetary electrons; nuclear reactions on the other hand release the immense energies which serve to bind the nucleus together.

Chain Reaction

The atoms of U235 or U238 if bombarded by neutrons are split into two smaller atoms and a number of neutron "bullets" are released in addition to a certain amount of energy. When the amount of fissionable material is small these chain reactions quickly die out because of the number of neutrons which escape to the atmosphere. As the size of the U235 block is increased and the chain reaction starts fewer and fewer neutrons manage to escape and more are available to continue the process. When the block of fissionable material is built up beyond a secret critical size each fragment of nuclear fission splits many times its own number of additional neutrons. The process increases in geometrical progression and the block

disintegrates to form the atomic bomb. Therefore the atomic bomb was made up of two or more masses of U235 each less than the critical mass required for a fast-chain reaction. At the proper moment the bomb mechanism united these pieces forming a mass greater than the critical mass and an explosion occurred. The critical weight is still a secret but it is believed to be somewhere between four and two-hundred pounds.

Fusion Not Fission

The hydrogen bomb, unlike the atom bomb, is the result of atomic fusion rather than fission and reproduces on a small scale the type of atomic transformations which occur within the sun. Again, unlike the atom bomb, the principle behind its function and manufacture involves no secret quantities for the methods of atomic fusion were well known as far back as 1928, but by physicists alone but in the allied fields of astrophysics, and were freely available to any reader of scientific literature.

Even at that early date it was understood that fusion was the greatest source of energy known to man. The type of transformations which occur in the sun are of such magnitude that they have continued to radiate trillions of horsepower of light and heat for millions of years and the process shows no signs of abating.

The Sun—Product Of Fusion

Scientific evidence points to the fact that due to the extremely high temperature and pressures which exist in the sun, matter such as we know it cannot exist and that the sun is composed of only simple particles such as protons and electrons whirling about indiscriminately under temperatures as high as twenty million degrees centigrade and pressure of five million tons per square inch. Much, if not all, of the energy developed is believed due to the fusion of protons into atoms of helium, since this process, like the fission of uranium, results in the disappearance of a certain amount of mass. According to Einstein's formula the energy developed is equal to the mass transformed, multiplied by the speed of light squared; therefore even an infinitesimal change in mass produces a prodigious amount of energy. The amount of matter which disappears in the fusion of helium is of a much higher order than the amount involved in the fission of uranium.

Drawback To Fusion

The absence of a means of duplicating the extremely high temperatures and pressures necessary for fusion to take place was an effective drawback to its exploitation. The atomic bomb provided the answer to the problem since local

temperatures of the order of one hundred million degrees centigrade were believed to exist at its core. Even if these extremely high temperatures are not available the formation of helium through fusion can be achieved at a much lower temperature by dividing the process into two steps.

Fusion By Steps

The hydrogen nucleus consists of one proton. The addition of one neutron results in heavy hydrogen or deuterium, literally half of a helium atom. If another neutron is added tritium is formed, a substance three times the atomic weight of hydrogen. Tritium plus one proton forms a helium nucleus made up of two protons and two neutrons. This latter transformation occurs spontaneously and little energy is released in the process. The degrees of temperature and pressure for one of these fusion processes to take place are much lower than those required for the direct fusion of hydrogen into helium, and it seems likely that the logical procedure would be to use heavy hydrogen or deuterium as a starting point in the hydrogen bomb. The energy released is only slightly less than that which is available from the direct fusion of hydrogen.

No Limit

Other methods exist for the formation of helium, methods such as the bombardment of lithium by protons, but whatever the means used they are all based on substances which unlike uranium are plentiful in nature or easily obtainable. Therefore since the power of the bomb will depend only on the amount of hydrogen transformed, there is no limit to the mass of hydrogen which might be used.

Atmospheric Chain Reaction

One of the most important questions troubling the layman's mind is the possibility of a bomb of this size starting a spontaneous chain reaction in the atmosphere, a chain reaction it would be impossible to contain. This fear is based on the belief that the transmutation of hydrogen into helium in the sun proceeds indirectly through a chain reaction involving isotopes of carbon, nitrogen and oxygen, the principle components of the air we breathe. However it is the general contention among scientists that it could only be at temperatures and pressures immeasurably greater than those found in the atmosphere that this chain reaction could take place.

No Direct Radiation

The presence and extent of deadly clouds of radio-active particles, following the hydrogen bomb explosion has also come under scrutiny. (Continued on Page 4)

An interview with

McGill Geneticist Dr. Hans Kalmus

by Jason Ruby

Dr. Hans Kalmus, associate professor of Genetics at McGill University, is a tall, clean-cut young man with closely-clipped brown hair. Not knowing him, he might easily be mistaken for an older, more settled student.

And if you were to enter his small, but comfortable office in the Biology building, you would find Dr. Kalmus seated behind an ancient desk littered with sheets of paper, working as hard as professors usually do.

"Good morning, young man," he said in a soft voice, richly endowed with a cultured German accent. Although he speaks Czech, German, French, and English, but to name a few languages, the interview was conducted in English for obvious reasons.

Dr. Kalmus was born in Prague in 1906, the son of an Austrian physician. After receiving his early schooling he attended the German University of Prague where he received his D.Sc. in Zoology, and subsequently his M.D.

With the outbreak of the Second World War, Dr. Kalmus made his way to London with his wife and two children. Before coming to McGill this year he had been a lecturer at the University of Prague and later at University College, London.

During the war, although a civilian, he was engaged in doing research in the field of high pressure physiology. This work was of use in submarine warfare.

Asked why he had become a geneticist Dr. Kalmus replied quite simply, "By accident—you see, having been a paleontologist, and then a zoologist, I became attached to a team of geneticists in London, and have been at it ever since."

Although primarily concerned with research, Dr. Kalmus does a fair amount of lecturing. He believes that most research workers

should teach as it helps keep them up to date.

At present Dr. Kalmus is completing a book on variation in genetics in man. However, as most of the students are aware, he is primarily concerned with doing research on the subject of taste. Dr. Kalmus believes that differences in the ability to taste are hereditary and in his effort is studying various ethnic, family, and gouter abnormality groups to determine their ability to taste certain substances. These substances (such as Phenylthiocarbamides) have been found in natural foods and it is his belief that different populations differ in ability to taste.

I wonder why Dr. Kalmus needed redheads in his research. My question was answered when he told me that he was interested in them as a special group for study, and could use more redheads as subjects for his experiment.

"People should not get the idea that Genetics is a separate discipline. Although it is a new field of endeavour to add to the sum total of human knowledge—it is not a distinct discipline but attempts to unite such fields as physics, Chemistry, and Mathematics."

Even professors are known to have their hobbies . . . all is not work. And so it is with Dr. Kalmus. For besides being an avid skier, he plays the piano, and has written some poetry.

"I am very glad to be here at McGill and, although for a short time, have been magnificently treated by all concerned—especially Dr. Boyse. However owing to the size of the university, interdepartmental contacts have been difficult, unfortunately."

As I took my leave of this clever, dynamic individual, one could only feel that to meet him is to profit from his wide experience and knowledge.

Movies This Week . . .

"Malaya" is good entertainment based on war story. Comedy, drama and pathos in 'Hasty Heart'

"The Hasty Heart"

Adapted from the successful John Patrick stage play, this Warner Bros. presentation is no less than a tremendous achievement. For "The Hasty Heart" is a nearly perfect blend of comedy, drama, and pathos, and while director Vincent Sherman has obviously emphasized the sentimental aspect, there is nothing in the film that is either sloppy or hackneyed. Rather, "The Hasty Heart" is a vigorous effort that deserves attention because of a sterling performance by a newcomer, British Richard Todd, coupled with a profound respect for simplicity and sincerity on the part of the producers.

The story concerns a young, sulen Scot doomed to die in a Burmese hospital because of injuries acquired during the war. He is kept ignorant of his fate but the information is passed into the hands of several recuperating soldiers and a Canadian nurse who resolves to make the Scot's last days on earth happy ones. Complications ensue when the young man's disposition proves to be about as cheerful as a famished tiger. How his surliness is ultimately pierced, and how he is taught the value of friendship make for the telling in this utterly delightful movie.

Mr. Todd's performance in the leading role is nothing short of stupendous. This reviewer has never seen anything to equal it for sheer restraint, poise, and general excellence. And if this praise sounds like immature, schoolboyish clamoring, go and see "The Hasty Heart" and judge for yourself. Patricia Neal and Ronald Reagan give solid assists as do the entire cast.

To sum up, "The Hasty Heart" is a movie for the record? It sparkles with the breath of life.

—K. R.

"Malaya"

Malaya, now showing at the Princess, tells the intriguing story of two Americans contriving to succeed in taking rubber from under Japs' noses in 1942.

James Stewart plays the part of a journalist who tells government representatives and F.B.I. agent, John Hodiak that he will be incapable of performing the operation without the assistance of Spencer Tracy, who at the time was doing a short sentence in Alcatraz. He is readily released and the two are taken to Malaya by submarine where they enlist Sydney Greenstreet—the Dutchman—who keeps a saloon, to aid them in their conspiracy.

Stewart is motivated by patriotism and his hatred of the Japs; Tracy is a materialist attracted to the scheme by the adventure and the gold it promises, but he is not prepared to face almost certain death for ideals which are foreign to him.

The incidental music is the music of the nocturnal jungle, and the musicians are the chattering monkeys, screaming birds, and buzz-

Theme From Robert Graves

by Francis Hullar

Oh, I have seen the northwind rise,
Watched it flicker in some men's eyes;
Shuddered when its whisper reached me,
Known its touch, and sought to flee.

For it is born atop the world
In shimmering cold, suddenly swirled
Into the form of fear, fully fraught
With something more than has been brought.

Into sharp focus in one night,
Stretching leanly forever toward a light
Falsely flickering, oh chilling green
But duly burning, but sometime seen.

Oh wind, whose force and fury wavers,
Indeterminate; this olden wail slavers;
Whose fangs are ice, poised to slice—
This little warmth, this sudden spice

Found, fading, forgotten; in fear frozen . . .

Player's Please



Dean Clarke Guest Artist

Dean Douglas Clarke will be guest artist with the McGill Chamber Music Society at its fifth concert, playing the work on which Schumann's reputation in Germany was fully established—the Schumann Piano Quintet Opus 44 in E Flat Major. This work was composed in 1842 and was re-released with the greatest enthusiasm. A special favorite with the musical public, the Haydn Quartet Opus 74, No. 5 in D Major, will open the Society's concert. Also included will be one of the earliest examples of the String Quartet, the Quartet in E Flat Major by Johann Christoph Friedrich Bach. An uncle of Johann, Sebastian Bach and next to him the greatest of all the Bachs, Johann Christoph Friedrich was not only one of the finest organists but also one of the greatest composers of the 17th century. His genius was not recognized in his own lifetime and after his death he was overshadowed by his famous nephew. This concert will take place on Wednesday, Feb. 22 at 8.30 in Moyse Hall.

M.R.T. Presents Pirandello Play

In keeping with their policy of presenting plays of artistic merit, the Montreal Repertory Theatre will present "Right You Are" (If (Continued on Page 4)

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ARTS & SCIENCE UNDERGRADUATE SOCIETY

Nominations are called for the following positions:

- President (Male Undergraduate, in Third Year)
- 1st Vice-President (Female, Second Year)
- 2nd Vice-President (Male, Second Year)
- Corresponding Secretary (Female, First Year)
- Recording Secretary (Female, First Year)
- Treasurer (Male, Third Year)

Nominations must be signed by at least 25 regular Undergraduates in the Faculty of Arts & Science. Nominations must be turned in to Tom Adams in the Arts Building or George at the Tuck Shop not later than noon Tuesday, Feb. 21st.

Dawson nominations to be handed in to C. Y. Rosen.

Elections will be held on Wednesday, March 1st, 1950

American Trip Nets Split Decision for Senior Cagers

Reds Under Fraser Drop New England Lose to Hartford

Coach Moe Abramowitz's Senior Basketball Redmen split on their week-end Carnival trip to Albany, New York and Manchester, New Hampshire. The squad was minus the guiding genius of Mentor Moe, but Buddy Fraser, six-foot-four centre took over the coaching reins in his absence.

The team arrived one hour late for the game in Albany where they took on the highly rated Hartwick College team. Hartwick plays such top teams as Long Island University, RPI, University of Southern Illinois, Boston College, and U. of Mexico, to name a few.

The game started at a furious pace, with the all around superior class of the Hartwick team taking a terrific toll on the McGillians. The McGillians were obviously tired after their hard trip, and the fact that they arrived late and had no time to warm up and unlimber, didn't help any. The first quarter ended with McGill on the wrong end of a 25-4 count. The second quarter saw McGill go a little better holding the Albany boys to twenty points and scoring seven themselves.

However, their brief success was

There will be a special meeting of all Daily Sports Desk Editors tomorrow (Tuesday) noon at 1 o'clock. It is imperative that all desk editors attend.

Phys. Eds. Win Intramural 'A' Hockey Finals

By ART GUTTMAN

Led by Bob Stanley and Bob Menard, Phys. Eds. defeated a hard-playing Arts and Science team to win the sudden death Intramural "A" hockey final by the score of 6-3, on Friday afternoon at St. Laurent Arena.

Menard scored three goals and assisted on two others while Stanley got a goal and an assist and played a hard driving game to pace the Phys. Eds. Den is Ellerbeck and Newton picked up the other two goals for the victory.

It was at 1:30 of the first period when Menard drove in his first goal from right in front, however only a minute later, Dunc MacMillan brought the puck up the right boards, centred out in front where Anderson shot it past Pennock to tie the game. The game at this point was of the "into the corner and out in front" variety with Phys. Eds. having the better of the play.

At 10:45 Newton put Phys. Eds. ahead 2-1 when he scored on a pass-out from Menard. Arts and Science tried hard to even it up while Kemp was in the cooler but were unable to score. At 14:00 Denis Ellerbeck scored on a long shot to put Phys. Eds. ahead by three goals at the end of the period.

Stretch Lead

Eight and a half minutes after the start of the second period Stanley scored with Menard drawing an assist to stretch Phys. Eds. lead to four goals. Sheldon in the Arts and Science net was kept very busy when Phys. Eds. put on a sustained power-play but couldn't score on him.

The third period started off very rough and at the 1:00 minute mark Stratton was sent off for slashing, but Arts and Science couldn't take advantage of the opportunity. It wasn't until 14:00 minutes had gone by before A & S scored with Cottle getting the goal on a pass from Dunc MacMillan.

Newton was sent off for tripping at 18:00 minutes of the third period, and a minute later Menard took a pass from Stanley and broke away from the pressing Arts & Science team to score, and make the count 6-2. Tempers flared with but three minutes to play and Anderson and Kimmerly were sent to the sin bin for roughing, with Kimmerly drawing a five-minute major penalty. With a minute to go Coulter drove a hard shot into the corner of the cage, behind Pennock from 20 feet out to make the final score read 6-3 for Phys. Eds. Arts & Science took out their goalies in the last two minutes but the lead was too big to overcome.

Sheldon, Cottle and the MacMillan starred for the losers, while Menard, Newton, Ellerbeck, and Stanley played strong games for Phys. Eds.

short lived as the Americans poured it on again in the second half, scoring 41 points. The Canadian team couldn't find the basket, but were definitely outclassed around both baskets, managing to sink 27 points to end the scoring at 86-38 for Hartwick. The summary:

McGill (38): Fraser 5, Finlayson 2, Endman 8, Cunningham 6, Milburn, Garbus 4, Merling 5, Skinner, Wilson 8.

Hartwick (86): Purdy 8, Murphy 42, Bradley 3, Fabozzi 9, Thompson 3, Surowkh 6, Dodzylki 9, Moon 9, Hiffa 15, Komas 8, Reth 14.

For Saturday night the Redmen crossed the state line going into Manchester, New Hampshire for a game against the highly rated New England College Club. Here Bud Fraser found his coaching legs winning a hard-fought encounter by a 30-47 count, after being down four points at half time.

Don Finlayson led the McGill men scoring 14 of the squad's 50, and playing a heads up game all the way. Right behind him was "the Smiler," Harold Wilson with 10 markers, and Coach-for-a-day Fraser, who added eight points to the team's total.

High man for the New England crew was their all-star "Lucky" Laniolo. Laniolo was also top point scorer on the floor putting away no less than 12 basketballs for 19 markers. May with 10 points made up most of the rest of the home team's scoring.

The game was fast all the way, with both teams showing top flight form. And McGill's stretch run for the victory adding the excitement for a "good game." Margin of victory for the Redmen was perhaps the misuses of New England's big guard "Zeke" Zareas. He missed all of his foul shots, which if he had put them away would have added eight points to the N.E.C. average. Summary:

Torrid Tor Terrific As Dartmouth Sweeps Meet

By BOB GRAHAM

Tor Arneberg had his hands full last Saturday night when Carnival Queen Anne-Dohan presented him with both of the major awards of the McGill Winter Carnival Ski Meet. Arneberg received the Redbird Trophy on behalf of the Dartmouth College ski team who captured first place in the meet, following which Queen Anne handed the blond Norwegian the coveted Skimaster Trophy for all-round excellence in the downhill, slalom, cross-country and jumping events.

Middlebury was closely followed by McGill in the team standings. Maine, U of M, Toronto and Ottawa finished in this order.

The Alpine events of downhill and slalom held at St. Sauveur were both won by the Dartmouth College Crew. McGill copped second place in the downhill but were edged out by Middlebury in the slalom competition.

Jack Valentine in the slalom and Bob Stanforth in the downhill gave the Red "and White third place honors in both of these races, but the first two places in these events went to the "dynamic Dartmouth duo" of Stewart and Arneberg.

Shawbridge was the next stop on the skiers trek southward to Montreal. Here 34 competitors languished their way over an eight mile cross-country course and were lead home by Claude Richer of Ottawa University who won the event in 58-13 minutes. Owen Owens finished four minutes later to post the best McGill time of the race.

The Redmen's only first place win of the entire meet is credited to jumper John Draper. His terrific leaps off of the Cole des Neiges Jump place him four points ahead of three Dartmouth teammates: Arneberg, Tremblay and Stewart.

WOMEN

Paced by the brilliant showing of Joanne Hewson and Connie Buttinger, McGill University's co-ed ski squad swept all opposition before them in winning the ladies division of the McGill Winter Carnival Ski Meet. The local girls scored a combined downhill and slalom total of 97.91 points, followed by Middlebury with 93.12 and the Université de Montreal with 66.93.

The Red and White twosome of



Vic Obeck, head of the Department of Athletics at McGill, cuts the tape atop Mount Royal. The ceremony marked the opening of the three-day Annual McGill Winter Carnival. With Mr. Obeck were the

five hopeful Queen candidates, Pat Elder, Ann Dohan, the eventual Queen; Brenda Turner, Alice Diggs and Jane Currie, from right to left.

Varsity in Second; Edge Queen's, 3-2

Toronto, Feb. 18.—The second-place University of Toronto Blues edged the cellar-dwelling Queen's University, Gaels 3-2 here last night in an intercollegiate hockey game.

Cec. Turcotte, the Blues baldish centre, paced the winners. He set up the first Toronto goal early in the game, passing to Norm Fox, who completed the play with a hard shot to the corner.

Five seconds later Queen's retaliated after a scramble in front of the Varsity net, Keneleyside pounding home the tying marker. Bob Bazos broke the deadlock just after the halfway mark of the period.

Both clubs battled hard in the middle session but couldn't manage a marker. Only two penalties were handed out, both to Varsity.

The third frame produced most of the action. Don Murray picked up a loose puck at centre-ice, shot a pass over to Hewes, and the wingman made no mistake as he blasted home the goal that deadlocked the score for the second time.

Hewson and Buttinger placed first and second over the fast St. Sauveur downhill, and went on to slip in behind Betsy Strong (Middlebury) to capture second and third place in the slalom event. Sixth place in both races went to McGill's Anne Bushell, while Barri Black the fourth member of the team placed tenth.

TEAM POINTS

Total: Dartmouth (594.14), Middlebury (565.12), McGill (581.97), Maine (544.45), U of M (506.66), Toronto (507.44), Ottawa (498.67).

DOWNHILL: Dartmouth (90.33), McGill (97.75), Middlebury (94.74), Ottawa (94.10), U of M (95.36), Maine (92.98), Toronto (90.06).

SLALOM: Dartmouth (99.30), Middlebury (98.84), McGill (95.73), Maine (89.79), U of M (86.13), Toronto (83.98), Ottawa (79.09).

CROSS-COUNTRY: Dartmouth (98.02), Middlebury (91.81), Ottawa (90.29), Maine (89.28), McGill (89.20), Toronto (81.60), U of M (73.82).

JUMPING: Dartmouth (97.58), McGill (94.61), Middlebury (91.45), Maine (91.23), U of M (88.59), Toronto (81.07), Ottawa (75.70).

INDIVIDUAL PLACING

DOWNHILL: 1st. Arneberg (Dartmouth) Time 44.7 seconds; 2nd. Stewart (Dartmouth); 3rd. Valentine (McGill). Other McGill men: Stanforth (4th), Kehoe (7th), Smith (11th).

SLALOM: 1st. Stewart (Dartmouth), Correct time 127.6 seconds; 2nd. Arneberg (Dartmouth); 3rd. Stanforth (McGill). Other McGill men: Valentine (9th), Smith (10th), Kehoe (13th).

CROSS-COUNTRY: 1st. Richer (Ottawa), Time 58.13 minutes; 2nd. Blake (Dartmouth); 3rd. Caldwell (Dartmouth). Other McGill men: Owens (7th), Kneifer (18th), Tilden (20th), Valentine (21st), Stanforth (23rd).

JUMPING: Draper (McGill), 100 points; 2nd. Arneberg (Dartmouth); 3rd. Tremblay (Dartmouth). Other McGill men: Valentine (10th), Stanforth (15th), Tilden (25th).

INDIVIDUAL COMBINED

DOWNHILL AND SLALOM: Stewart (Dartmouth), Arneberg (Dartmouth), Stanforth (McGill).

CROSS-COUNTRY AND SLALOM: Tremblay (Dartmouth), Caldwell (Dartmouth), Arneberg (Dartmouth).

Ryan Gymnasts Win Title Fencers Lose to Toronto

McGill's Senior Intercollegiate Gym team won the Intercollegiate title in a weekend meet at Toronto, while their brothers in arms the Senior Fencers lost out to Varsity by a close decision 27-21.

Bob Cardozo of the Redmen was the leading fencer at the meet picking up eleven wins in twelve tries and two of the three trophies up for competition at the meet. Bob became the Individual Intercollegiate Champ, losing only one bout that in an epee. Cardozo also won the Tully Trophy awarded to the fencer with the most outstanding skill and sportsmanship in the meet.

Leading light for the Toronto crew was Mark Kellow, who took nine of his bouts. The meet was closely fought all the way with many doubtful decisions being handed out by the judges.

Second man for the Redmen was Hank Leher who took four bouts from the Toronto crew. While Jerry McCaughey and Bernie Gordon took three bouts each, to add six to the McGill score.

The Meet was run off in six hours. The fencers had to fight almost continually from two o'clock in the afternoon until ten o'clock that night. They formed part of the program of a Toronto Athletics night. During the evenings fray.

Victory for Toronto marks the beginning of something new in Varsity Fencing. Their new Aus-

trian Coach hopes to popularize the sport in the Queen City and an Intercollegiate Championship behind him will be helpful.

GYMNASTS

Howie Ryan's Intercollegiate Gymnast Team captured the Collegiate Title for the second straight year in a row. They thus captured the Caron Trophy, emblematic of their feat for the second straight year, pretty well ending the seventeen year hold on the Trophy by Toronto. Incidentally, the donor of this trophy was a McGill graduate. The final score ended with McGill taking the long end of a 113-107 count.

Gibson of Toronto was the recipient of the All-Round Intercollegiate Gymnast Trophy. In second place, and just 4 points behind was the Redmen's Don Cochrane. McGill also placed third in this division, the award going to Frank Barrett. Gibson was awarded the Werry Trophy. This trophy was donated to the competition in 1920 by two McGill graduates.

McGill took several first places. They were awarded first place in the five pieces of apparatus. They also took first place in the high bar. The Redmen then extended this streak to the parallel bars. The boys also won the horse competition and showed their heels in the rings exhibitions. Winding up with an impressive tumbling win, the Redmen came out with an impressive victory.

Braves Clip Dawson 6-1; Georgians 2-1

By MORTY GLICKMAN

McGill's Intermediate Braves surged to the top of the Ottawa-St. Lawrence Hockey Conference by virtue of their double-barreled victory over Sir George and Dawson this past weekend.

Combining the spirit and play of a championship team, the Braves virtually swept their opponents off the ice. They were not led by any outstanding player but rather by just simple team play that refused to be beaten. The team is now riding on the crest of a five game win streak, one of these a tie coming in an exhibition game against Clarkson.

All three lines of the Braves were working smoothly. Each line scored at least 2 goals with both the Duke-Hall unit and Cave-Quinn-Dorion trio garnering three apiece. Quinn lead the individual scorers by notching two goals, both coming in the Dawson game.

SIR GEORGE

Beigler's Braves had to overcome a 1-0 first period deficit to win their tilt against the Georgians. They then proceeded to hold the Sir George aggregation scoreless for the next two periods, while they themselves countered two goals, to win the game by a score of 2-1.

Ransom of the Georgians notched his teams goal early in the first period when he pushed the puck past Ross Rubenstein in the McGill nets. From the time of this goal to the end of the period the play was even with both teams losing their opportunities to score.

There was no more score in this period.

In the middle of the third period Bill Duke lit the red light on a three way pass play from Hall to McGuire to Duke who poked the disc in. The Braves held the Georgians scoreless for the rest of the game to win the encounter, two to one.

DAWSON DYNAMOES

The Braves won their second game in as many nights as they rounded the Dynamoes from Dawson by a whopping 6-1. The McGill boys were complete masters of the play from the beginning to end, showing no fatigue from their previous nights winning efforts against Sir George.

Ross Rubenstein, Brave's regular goalie was replaced for this game by Al Lindsay. Al had a comparatively easy time in the nets and was never threatened except in the third period.

The first ten minutes of the game saw the play see-saw back and forth with no team having the edge. However, at the 11:15 mark Jerry McGuire put the Beigler boys ahead to stay, when he notched the goal off his own rebound. From this point on the Braves perked up considerably and they went on to pot three more goals before the period ended. Bill Cave, Red Quinn, and Bob Hall accounted for these goals.

The last part of the second period displayed hockey in its finest form. John Ensinick potted a goal right before the close of the period. Fensom and Errington drew assists on the play.

There was no rest between periods and both teams began to tire slightly. Leslie countered Daw-

Redmen Downed By Carabin Crew 9-6 In Overtime

Dave Campbell speaking "I'm very proud of the way my boys played tonight. Penalties were costly, but that's just part of the game."

And well might the coach be proud of his charges as they battled the U of M Carabins to overtime, eventually losing 9-6 when the Intercollegiate Champs poured in three goals in the overtime session, while McGill were shorthanded.

And in fact, if McGill hadn't taken some cheap penalties both in the overtime and in regular play, the Redmen would have won hands down. Five of the six Carabin goals that were scored in regular play came when Glen Campbell had men in the cooler. The Redmen out fought the Therrien coached crew by a wide margin and with any kind of that commodity known as luck would have captured the Birk's Trophy, awarded annually to the winner of the annual Carnival Game.

Clan Campbell started at a furious clip and with 33 seconds played Gariepy was chased by Referee Bob Barlett for holding. McGill then sent out their power play boys in the persons of Irving, the Robillards, O'Neill and Sandy Sanderson. Off a face off, Irving got the draw to Rock Robillard, who passed back to cousin Gene on defense. Gene let a hard low shot go and it caught the bottom right hand corner, sending McGill into a one-nothing lead. Twelve seconds later, O'Neill was the trigger man on a beautiful three way passing attack with the Robillards, and he beat Auger with a nice shot to the bottom left hand corner.

This made the count two nothing in favour of the redshirted McGillians, but U of M started to roll and put in five straight goals before McGill answered with Russell's goal near the end of the period. Andrew took a penalty for high sticking whereupon Bourassa whipped a bullet shot to the top right hand corner of Macellian's cage. Seventeen seconds later, Charest drilled in a long shot and as Andrew was coming back onto the ice, Bouchard who was the pick of the Carabin defensemen, whipped in his first goal of the night. Perrault closed out the U of M scoring in the first period with a brace goals 50 seconds apart, while Taylor set up Russell for McGill's third score, and the hectic first period ended with U of M ahead 5-3.

The second period settled down quite a bit and featured sparkling goaltending by Bob Macellian. Bob turned aside fifteen shots and was particularly brilliant taking goals off Charest, and three successive shots from Emblem, Lazure and Mongeon. Flynn managed to dent Macellian's armour, but Rock Robillard put McGill into the game with a brace of tallies, the second a beautiful effort on a combination play with cousin Gene and the second period ended with U of M ahead 6-5.

The last frame was more close checking than the other two. U of M seemed content with their one goal lead, letting McGill carry the attack to them and breaking out only when it seemed advisable. However, near the end of the period, Rube Zemel broke out of the McGill zone and as he crossed the centre-ice red line passed deep into Carabin territory, behind their defencemen. In the meantime, Gene Robillard put on a burst of speed, outfooted the U of M goal and let a hard low shot go from a seemingly impossible angle, but it caught the left hand corner. This was the only goal of the period and the regular play thus ended at a six all tie, sending the game into overtime.

The overtime seemed to be a son's only goal at the four minute mark. Dayne and Kenney were in on the play Red Quinn notched his second goal of the night when he scored a breakaway. Dorion passed to him to send him in the clear on the McGill red line.

Railway Tickets for Laval to Go on Sale

Laval week-end railway tickets will be on sale at the Union between 12 and 2 p.m. on Tuesday and Wednesday, Feb. 21 and 22. All those who submitted their names please call for tickets. The tickets for the Choral Society will be sold through their signing officer on Wednesday.

Second Period

9-McGill.....R. Robillard (O'Neill, Irving)..... 6:48

10-Montreal, Flynn (Charest) .. 1:31

11-McGill.....R. Robillard (G. Robillard)..... 16:58

Penalties—Bourassa, Reynolds, Landriault, Laperriere.

Third Period

12-McGill.....G. Robillard (Zemel)..... 17:28

Penalties—Andrew, Laperriere, Sanderson.

Overtime Period

13-Montreal, Emblem (Pinard, Bouchard)..... 1:53

14-Montreal, Pinard (Bouchard) 1:48

15-Montreal, Bouchard (Bruneau)..... 7:14

Penalties—Tilly (major), Brunard (major), R. Robillard (major), O'Neill (major) Russell, Flynn, Zemel, Charest.

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ON THE WAY

Carnival Cabaret Proves To Be Popular Innovation

Exerpts From College Revues Are Featured

To an audience from many universities in Eastern Canada, McGill presented popular extracts from its Red and White Review as part of the Carnival Cabaret — a new innovation. Marge and Bill Root as Sanson and Delia, Bill Nichols' impersonation of Al Jolson was as entertaining as ever.

The three hour program comprised a variety of songs, sketches and skits in French and English. From Laval came a supposed Italian pianist, who played not more than three notes, but kept the audience laughing for 10 minutes. He was having difficulty in interpreting his 'chefs-d'oeuvres', his masterpieces being first a telephone directory and then a fashion magazine. Laval finished his contribution with an African sketch. For a change they had a black faced missionary being cooked in a cauldron, with white-skinned cannibals dancing round him, dressed in loin cloths and bowler hats.

The emcee was McGill's Eddie Davis, introducing the performers and keeping the atmosphere warm with his own stories.

The U. of M. presented a brilliantly executed sketch. With song and mime it told the story of the 'Goutte de Miel', how the spilling of a drop of honey caused such conflict that in the end the entire population of the earth was exterminated.

The 'Toronto Subway Song' was a reminder that contributions to the cabaret had come from places very remote from Montreal. Another Varsity star was very successful in his interpretations of singers and pseudo-singers, from crooners to hulu dancers and striptease.

Types on the McGill campus were the subject taken by a trio from Sir George Williams College.

Carnival Made Profit, Committee Declares

For the first time since its inception, the Winter Carnival is in the black, the Daily learned late last night. A spokesman for the Carnival Committee declined to give precise figures, as most bills have not as yet been received and expense accounts are hence incomplete. But tentative estimations show that the Carnival will definitely show a profit.

The Carnival Committee is reported to be gratified by these results. With a heavy deficit hanging over them from the previous carnivals, the committee planned to cover part of this deficit from the profits accruing this year. These plans have been fully realized.

"From a financial standpoint, there will be a carnival next year," the committee spokesman further declared.

The extent of the Carnival's profits will be announced in the Daily as soon as all figures are compiled.

representing the rare bookworm, the redman athlete, claiming his rights to the co-eds, and finally the fickle play-boy of McGill.

Both the U. of M. and the McGill Choral Societies presented selections of songs. Contrasted with the start to the afternoon's entertainment with 'Hail Alma Mater' by the McGill society, was the quick adept singing of the U. of M. later on.

Jack Waud, the professional piano mimic, was featured in the second half of the program. His polka was noticeable against some of the student performers, but he lacked the spontaneity achieved in university sketches such as the one put on by the U. of M.

Lonson lighter in Moyle Hall or Entrance to Arts Building. Finder please phone LA. 6307 ask for Red Mitchell.

2500 People Crowd Gym For Grand Ball

A crowd of almost 2,500 people jammed the Sir Arthur Currie Gymnasium on Saturday night to witness the culminating event of the Winter Carnival, the Grand Ball.

Amid the cheers of those present, Chris Bovey, chairman of the Carnival, introduced the Carnival Queen, Ann Dohan, and her four princesses, Alice Diggs, Brenda Turner, Jane Currie and Pat Elder.

The girls were all presented with souvenir evening purses. Ann Dohan was given several gifts from local sport shops. These included a pair of moccasins, ski mitts, a ski sweater, a touque, scarf and a ski jacket.

"Queen Ann" then made presentations to the winning contestants and teams of the carnival events. Joanne Hawson received a trophy on behalf of the McGill women's ski team for the highest team points. The Redbird Ski Trophy, given to the team amassing the greatest number of points, was accepted by Tor Arneberg on behalf of Dartmouth college. Tor Arneberg was also presented with the Skimaster Trophy for the best individual skiing of the carnival. The Delta Sigma Phi Fraternity was presented with the sculpture trophy by the queen.

Bobby Gimby, musician from Toronto, was on hand with his orchestra. Elaborate decorations which included murals, depicting carnival scenes, completed the carnival setting.

Hydrogen—P. 2

lin). However, since the fusion process tends to build up atoms rather than break them down, there will be no radio-active by-products produced directly. A radio-active emanation would necessarily follow the explosion due to the use of an atomic bomb as the trigger but the extent of the radio-active particles released would be of the order already experienced at Hiroshima and Nagasaki and not increased by the more powerful blast of the hydrogen bomb.

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A CONTINGENT OF MERRYMAKERS, gaudily dressed-up, provided impromptu entertainment for Carnival merrymakers during their train trip up to St. Sauveur for a day of skiing last Saturday.

Tour to Oil Company On Friday, Feb. 24

There will be a Chemical Institute of Canada sponsored plant tour to the B.A. Oil Company on Friday Feb. 24th, an announcement stated.

A special bus will be leaving from the front of the Chemistry Building at 3.00 p.m. sharp and will return about 5.30 p.m.

Tickets for the return bus trip may be obtained from the Librarian in the Bailey Library this morning by members of the C.I.C. If may remain they will be available on Tuesday in the library to other students who would like to go. The tour is limited to forty students.

Students going on the tour are advised to wear old warm clothing.

Film Review—P. 2

ing insects. This introduces an exotic and perhaps even an eerie effect to an already exciting film. The saloon and saloon keeper are the same we saw in "Casablanca" Valentina Corles is the same slinky siren Hollywood puts in every oriental bar.

Malaya taken as an objective whole is very good entertainment even if it is a variation of an old theme—the recent war, but there still seems to be material for many fine stories emerging from Hollywood using this topic.

J. D. R. McC...

Gandausky—P. 1

Sheldon, third year arts, and Nigel Thompson, first year commerce.

Candidates for the presidency of the McGill Women Students' Athletic Association are Mary Richardson and Roberta Tyler. Miss Richardson is in third year physical education while Miss Tyler is a third year science student.

Election day is Wednesday, March 1.

Sports Menu

ICE HOCKEY
Monday, Feb. 20—B' League: 5 p.m., Eng. (C.I.) vs. Phy. Ed; 6 p.m., Diehards (Eng.) vs. Arch. Winners will meet on Thursday, full game.

VOLLEYBALL
Tuesday, Feb. 21: 1 p.m., Phy. Ed. 3 vs. Dent 2.
Thursday, Feb. 23: 1 p.m., Winners of Phy. Ed 3 and Dent 2 vs. Eng. 4.

Women students, who registered for the golf lessons which start Feb. 20, may pick up their tickets at the Physical Education office in R.V.C. Those who had to be refused for this first course should watch the "Daily" and the R.V.C. notice board for further announcements. If arrangements can be made with the Golf 'pro', a second course will be started.

Notice to all co-eds; residents and non residents. Your Ski House at Ste. Adele is open for your use on the week-ends. Make your reservations by signing on the notice board in R.V.C. The price for a week-end (Sat. a.m. to Sun. 5 p.m.) is only \$2. This includes sleeping accommodation and food.

If you are a beginner, or even if you are not but would like instruction, it is yours for the asking.

The Women's Badminton Doubles Championships were held last night at the Currie Gym. The winners were Bliss Mathews and Lois Preston, and the runners-up were Marion Johnson and Jean Preston.

Dainty Chisholm, Bliss Mathews and Lois Preston journeyed to Sherbrooke, Que., to play in the Provincial Badminton Tournaments. Dainty reached the quarter finals by defeating a highly rated player from Quebec City. She was then beaten in her next match. Bliss and Lois reached the quarter finals in the ladies doubles before going down to defeat. They were exciting matches, and a good time was had by all.

Over 600 Students Travel to Laurentians

By JOHN CUNNINGHAM

All aboard! En voiture!

With these words over 600 ski enthusiasts from McGill embarked for St. Sauveur, to witness the downhill and slalom events of the 3rd Annual McGill Winter Carnival.

Those students who had celebrated the opening of the carnival into the wee hours of the morning were conspicuous by their silence. The clowns on the train, about a dozen of them, had the job of awakening these revellers.

Perhaps the most amusing character on the train was the clown who, ten minutes after departure time, at 8 a.m., travelled through the ten coaches with a well-known bottle of ale in one hand announcing, "first call to breakfast."

The mass pilgrimages to the Club Car began. It was noted that the Club Car was by far the most visited car on the whole Carnival Special.

After two hours of the best jerking and pulling that the C.P.R. could provide the "Carnival Special" arrived at the Piedmont station. The awaiting taxis and sleighs were filled to twice and sometimes

three times their normal capacity. Some of the students obviously had their seasons mixed, for while waiting for the transportation to return they began a game of Soft Ball.

The skiers could be divided into four categories: those who came to ski; those who came to watch the events; those who did their skiing within the walls of the Nymark Lodge and those who combined the preceding three.

At 3.30 p.m. the Carnival Special arrived at Piedmont station, but did not leave until an hour later. This was to make sure that no student who planned on returning to Montreal missed the train.

Some of the more frivolous students engaged in an unusual form of 'tag'. They would jump off one coach and get on the next one while the train was moving.

"They are the most happy bunch of people that I've ever seen on a ski train," remarked an employee of the C.P.R. in reference to the McGill students. Another employee of the C.P.R. remarked, "If these are typical McGill students I want my son to go to Toronto Varsity."

Skating—P. 1

resenting the three martlets of McGill, jumped through a large paper replica of the Carnival Crest and gracefully circled the ice. The "martlets" were Betty Stanley, Barbara Stanley, and Phyllis Bobyk and their dramatic entrance was followed by several minutes of colorful figure skating.

Great agility was shown in "Hummoresque" in which Robert Pichette put on a comedy act on skates. He skated backwards and forwards and in several ridiculous positions and waved his top hat cheerily as the crowd called for more.

"The Fire Dance" of "the Fireflies", a group of twenty-four co-eds directed by Betty Stanley, was colorful under the floodlights and even more so when the lights were lowered and their luminescent costumes produced a strange and beautiful effect. The costumes were of navy blue trimmed with pale blue, red, and yellow, and it was the special trimming that produced the dazzling effects under the beam of ultra-violet light.

Suzanne Morrow, who has been described as Canada's outstanding amateur figure skater and who was the feature attraction at this year's "Forum Fantasy", then skated onto the ice in a costume of black velvet lined with pale blue. Her number was entitled "Stardust" and, for precision and grace, she was unexcelled. She proved to be a big hit with McGill and U. of M. alike and came back for an encore amid thunderous applause.

A QUEEN IS CROWNED

It was near midnight before the skating exhibition drew to an end. The hockey game had lasted considerably longer than had been expected, but the long-awaited moment arrived. The recorded music to which the skaters had performed was silenced as the announcer on the public address system reviewed the procedure by which the Carnival Queen had been selected. The Forum was darkened and the ultra-violet spotlight played on the ice. A carriage trimmed with luminescent material was drawn by the twenty-four Fireflies to a position near the centre of the ice just as the announcer revealed the name of the 1950 Winter Carnival Queen—Ann Dohan.

The lights were turned on to reveal the sleigh of red and white in which Miss Dohan was seated, attired in her regal robes and surrounded by her four charming runner-up, Jane Currie, Alice Diggs, Pat Elder, and Brenda Turner, and by last year's Queen,

NOTICE
Would the person who took my 34, fawn station wagon coat on Thursday between 2.30 and 5.00 p.m. be kind enough to return it to me or call me. I know it was taken by mistake even though they left my sports jacket. It was taken from outside the Genetics Lab. in the Biology building. Phone No. is PL. 0865. Norman G. Courey.

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COMING EVENTS

Items for this column must be typed on a special form obtainable at the Tuck Shop and deposited in The Daily mailbox by the Central Ticket Wicket in the hallway of the Union by one o'clock the day before the item is to appear. The deadline for Monday's paper is one o'clock Friday. Only brief items can be published in this column. Each event may be announced twice only in this column.

FEBRUARY 20

RED WING SOCIETY

There will be a meeting of the Society on Monday, Feb. 20, at 1.20 p.m. in the Women's Union office. Officers for the coming year will be elected.

C.O.T.C.

Applicants who have been advised of their acceptance in the C.O.T.C. will parade at the C.O.T.C. Mess Monday, Feb. 20, at 7.30 p.m. Dawson and Macdonald College applicants are excluded.

FEBRUARY 21

I.V.C.F.

The first of a series of talks on "This Christian Faith" will be given on Tuesday, Feb. 21 at 1.15 p.m. in the New Room at the Union, by Dr. C. P. Martin, of the Medical Faculty. All are invited.

FACULTY OF DIVINITY

Morning Chapel Service is held daily, except Mondays, in Divinity Hall, 3520 University Street, from 9.40 to 9.55 a.m. On Tuesday, Feb. 21, Professor R. B. Y. Scott will conduct the service. All members of the University are invited to attend.

FILM SOCIETY

The film "Dead Of Night," with Mervyn Johns and Michael Redgrave, will be shown on Tuesday and Wednesday, Feb. 21 and 22, at 8 p.m. in the Biology Building, Room 250. It will be preceded by shorts. Admission is free.

NEWMAN CLUB

On Tuesday, Feb. 21, Father Carter will give the fifth in his series of lectures on the Catholic Faith, in the New Room of the Union at 8 p.m.

DAWSON COLLEGE REGISTRATION FOR SUMMER EMPLOYMENT

Representatives from the McGill Placement Service and the National Employment Service will be at Dawson College on Tuesday, February 21st, and Wednesday, February 22nd, from 10 a.m. to 4 p.m.

All students who wish to register for employment during the summer vacation should apply at the Placement Service office at that time.

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WOMEN'S UNION SEMI-ANNUAL MEETING

MONDAY — FEB. 27th

4 o'clock — Sharp

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Refreshments: Cakes and Cakes

Candidates for Offices in the Women's Union and W.W.S.A. Will Present Their Platforms